

Product sheet

NCI-H146 | 300182

General Information

Description	NCI-H146 is a cell line derived from a patient with a malignant melanoma in 1979. It is a highly metastatic cell line that grows in culture as a monolayer of epithelial cells.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	H146, H-146, H-146, NCIH146

Cell Characteristics

Age	59 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification

Citation	NCI-H146 (ATCC CRL-1573) 300182
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1473

Additional Information

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Receptors expressed IGF1R, IGF2R, IGF1R (IGF II)

Protein expression IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

Antigen expression IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

Isoenzymes G6PD, PGM1, PGM3, ES-D, Me-2, AK-1, GLO-1, GLO-1 = 0.0009

Tumorigenic IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

Products IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II), c-myc, c-myc

Ploidy status IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

MSI-status MSS

Karyotype 46,XX,68,XX,66,70,XX

Media

Culture Medium RPMI 1640, 2.0, 2.0, NaHCO3 (820700a)

Supplements 10% FBS

Subculturing IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

Seeding density 1 x 10⁵ cells/ml

Fluid renewal 2 x 3 days

Post-Thaw Recovery IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II)

Freeze medium IGF1R, IGF2R, IGF1R (IGF II), IGF1R (IGF I), IGF1R (IGF II), FBS + 10% DMSO

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

[Redacted] / [Redacted] / HLA

Sterility [Redacted]

XXXXXXXX NCI-H146 | 300182

XXXXXXXX HLA

A*: '01:01:01, '03:01:01

B*: '14:02:01, '44:03:01

C*: '08:02:01, '16:01:01

DRB1*: '08:01:01, '15:01:01G

DQA1*: '01:02:01, '04:01:01

DQB1*: '04:02:01, '06:02:01

DPB1*: '02:01:02, '05:01:01

E: '01:01:01